



DLY
Diesel Engines



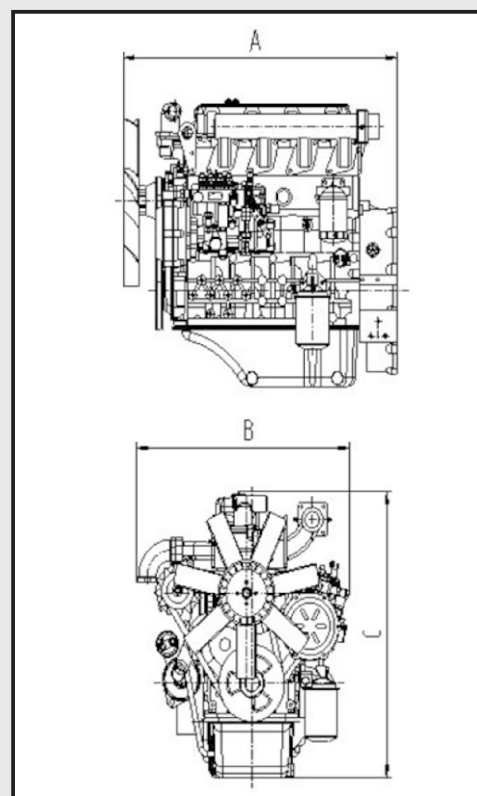
Dayliff DLY prime mover diesel engines are of 4-stroke, direct injection, water cooled design suitable for a wide range of stationary industrial and agricultural applications including water pumps, firesets and generators. All models are naturally aspirated cooled by forced water circulation and settable for fixed speeds between 1500 to 3000rpm.

Engines feature cast iron crankcases for durability with a mechanical governor and are supplied complete with integral radiator, cartridge type air, oil and fuel cleaner elements, exhaust silencer, frame mounted fuel tank and electric start with a 12V electric system. All engines are supplied with an SAE specification housing and drilled flywheel for power take off. Extension shafts are available to order.

Dayliff engines are powerful, efficient and robust assuring a long life and ease of maintenance. They are the ideal solution for all stationary diesel power requirements.

TECHNICAL DATA

Engine Type		DLY40	DLY60	DLY80
Power Output kW (BHP)	1500rpm	14(18.8)	21(28.2)	33(44.2)
	2000rpm	18(24.1)	28(37.5)	44(59)
	2600rpm	24(32.2)	36(48.3)	54(72.4)
	3000rpm	29(38.9)	42(56.3)	62(83.1)
Fuel Consumption (L/hr)	1500rpm	4	6	9.6
	2000rpm	5.3	8.3	13
	2600rpm	7.2	10.9	16.3
	3000rpm	9.1	13.2	19.5
Induction System		Naturally Aspirated		
No. of Cylinders		4 In-line		
Cylinder Capacity (L)		1.809	2.543	3.857
Compression Ration		18		
Lube Oil Capacity (L)		6.2	8.5	9.8
Radiator Capacity (L)		7.5	8.5	8.5
Direction of Rotation		Anti-clockwise viewed on flywheel		
Flanging		SAE 4-7.5"		SAE 3-10
Fuel Tank Size (L)		60	80	
Cooling Medium		Water		
Dimensions & Weights	Length mm(A)	732	767	867
	Width mm(B)	559	595	613
	Height mm(C)	632	684	722
	Weiaht (ka)	255	340	420



Derating: Given outputs are sea level ratings. Sets should be derated at 1% for every 100m higher than 100m above sea level and 2% for every 5°C temperature above 20°C for naturally aspirated engines.